MAIN OFFICE & WORKS
ESTABLISHED 1891

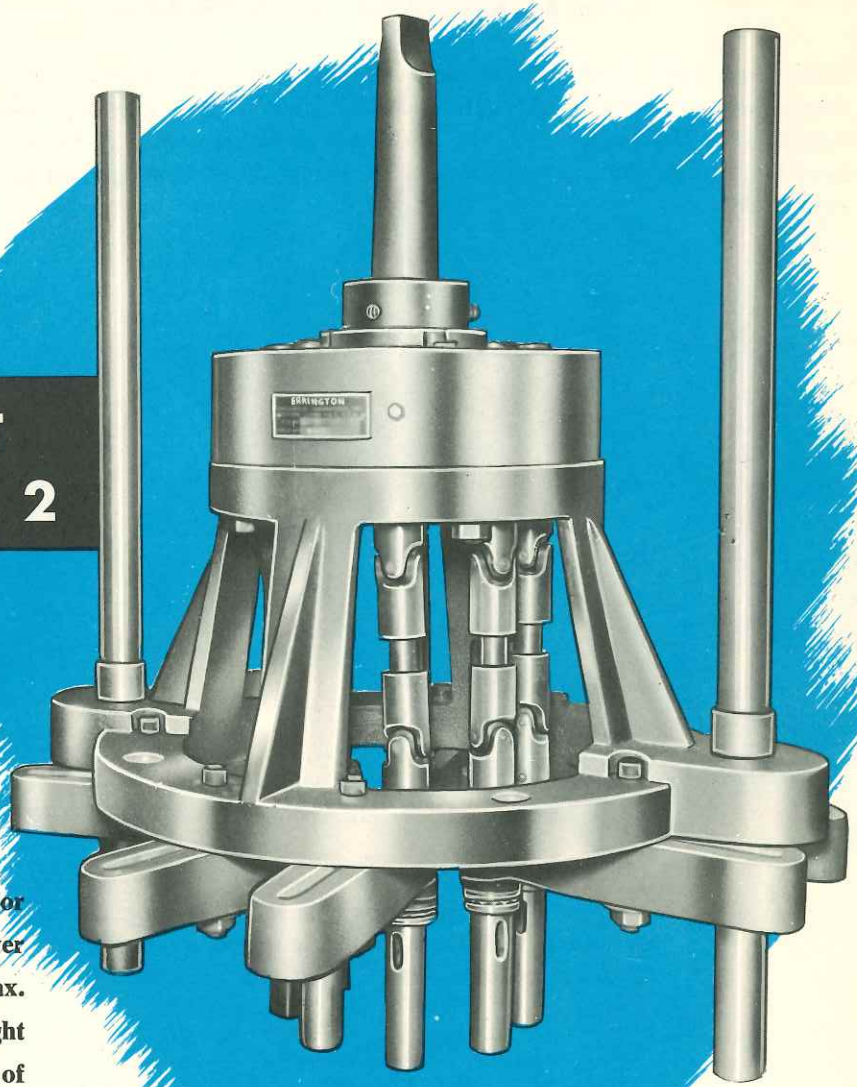
ERRINGTON
MECHANICAL LABORATORY, Inc.

STATEN ISLAND 4, N. Y.
TEL. GI 2-6042-6043

May 1948

408/46

UNIVERSAL JOINT DRILLING HEAD No. 2



Overall length is 20″. Guide Bar on 180° bushed for 1″ or 1¼″ pins on 17½″ centers. Diameter of lower clamping ring is 15⅞″. Minimum centers 1⅝″, max. imum diameter pattern 9¾″. Approximate weight from 60 to 75 pounds depending on number of spindles.

Case, cover, frame and locator arm casting made of aluminum. All spindles hardened and ground with gears turned on spindles. Drive gear has heavy duty grooved ball thrust bearings top and bottom of gear and heavy duty roller bearings top and bottom. All drill spindles have double needle bearings in locator arm and heavy duty grooved ball thrust bearings. Spindles in head have Johnson bronze bearings. Throughout the head all thrust points backed by heavy duty grooved bearings.

DIE SHOE WITH GUIDE RODS

#0	$ 75.00
#1	125.00
#2	200.00

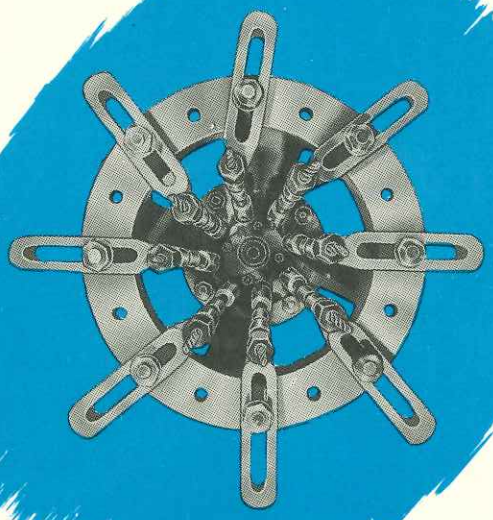
#204—4 spindle head	$625.00
#206—6 spindle head	800.00
#208—8 spindle head	950.00
Spindle complete with upper joint	75.00

Quill clamps are $35.00 for #3 M.T. and $40.00 for #4 M.T.

All heads equipt with #2 M.T. sockets.

UNIVERSAL JOINT DRILLING HEADS

From Errington . . . pioneers in the development of hi-speed production tools . . . comes the new UNIVERSAL JOINT DRILLING HEAD. This dependable tool is adjustable to any pattern of holes . . . and is available with 4 to 12 spindles. The head features all aluminum housing construction, thrust bearings and gears turned on spindles.



Send us your applications for quotations on the proper head for your jobs. No obligation, of course.

U. J. HEADS ARE SUPPLIED WITH GUIDE BAR HOLES

MODEL #0

6 Spindle Drill Head, complete with one range collet $407.00
8 Spindle Drill Head, complete with one range collet 467.00
Extra Spindle Assem. . . . . each 30.00

	Drill Cap.	Max. Drill Pattern	Min. Centers
0-AS	0-5/32 collet	5¾″	½″
0-A	0-5/32		.600
0-B	0-¼ collet	5¾″	11/16″
0-C	0-⅜ collet	5¾″	13/16″

MODEL #1

6 Spindle Drill Head, complete 460.00
10 Spindle Drill Head, complete 650.00
12 Spindle Drill Head, complete 768.00
12 Spindle Drill Head Special 10″ Max. Pattern 900.00
Extra Spindle Assem. ..... each 40.00

FOR COLLET SIZES SEE PAGE 17

	Drill Cap.	Max. Pattern	Min. Centers
1-A	0-⅜ collet	8¼″	13/16″
1-B	9/32-½ collet	8″	1-1/16″
1-C	1 M.T. Sockets	8″	1-1/16″

#1 M.T. Vertical Adaptors, extra ..... each 11.00

BASE PLATE WITH GUIDE BARS CAN BE SUPPLIED AS AN EXTRA

Quill Clamp extra

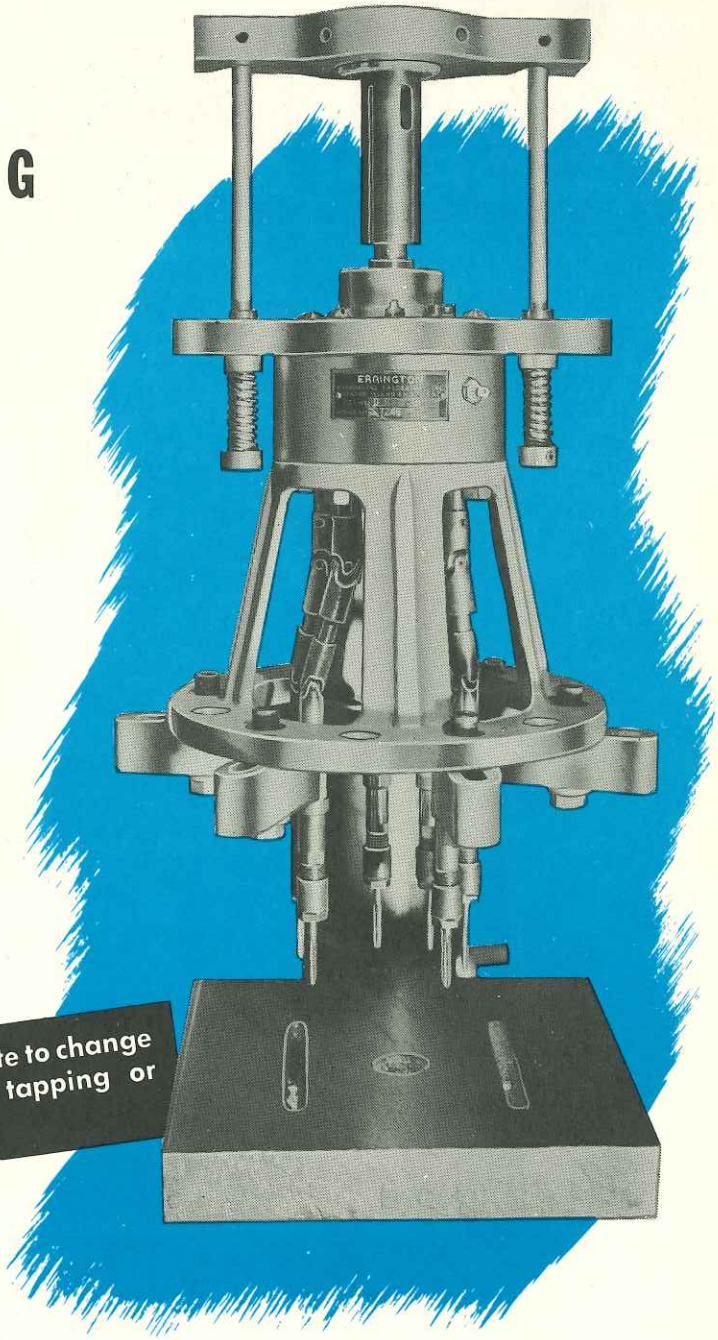
UNIVERSAL JOINT ADJUSTABLE TAPPING & DRILLING HEAD

The New Universal Joint Adjustable Tapping & Drilling head is made in two sizes, 0″ to ¼″ and 7/32″ to ½″ in Cast Iron, and is made with four or six spindles.

The reverse is built right in the gear case, making the shortest possible construction (only 1″ longer than our standard Universal Joint Drilling Head).

The whole head is made of the best grade of sand Cast Aluminum with hardened and ground gears and spindles (made in one piece). Full grooved ball thrust bearings at all thrust points and Oilite bronze radial bearings.

This head can be adapted to all standard drill presses, with stationary quill construction. All prices include quill bridle clamp, with counter balancing springs.



It takes less than ½ minute to change head from drilling to tapping or tapping to drilling.

COLLET RANGE
SAME AS DRILL COLLET

MODEL #0

# of Spindles	Tap Cap	Min. Centers	Max. Pattern	Price Complete
4	#0 - ¼″ collet	11/16″	5¼″	$475.00
6	#0 - ¼″ collet	11/16″	5¼″	$525.00

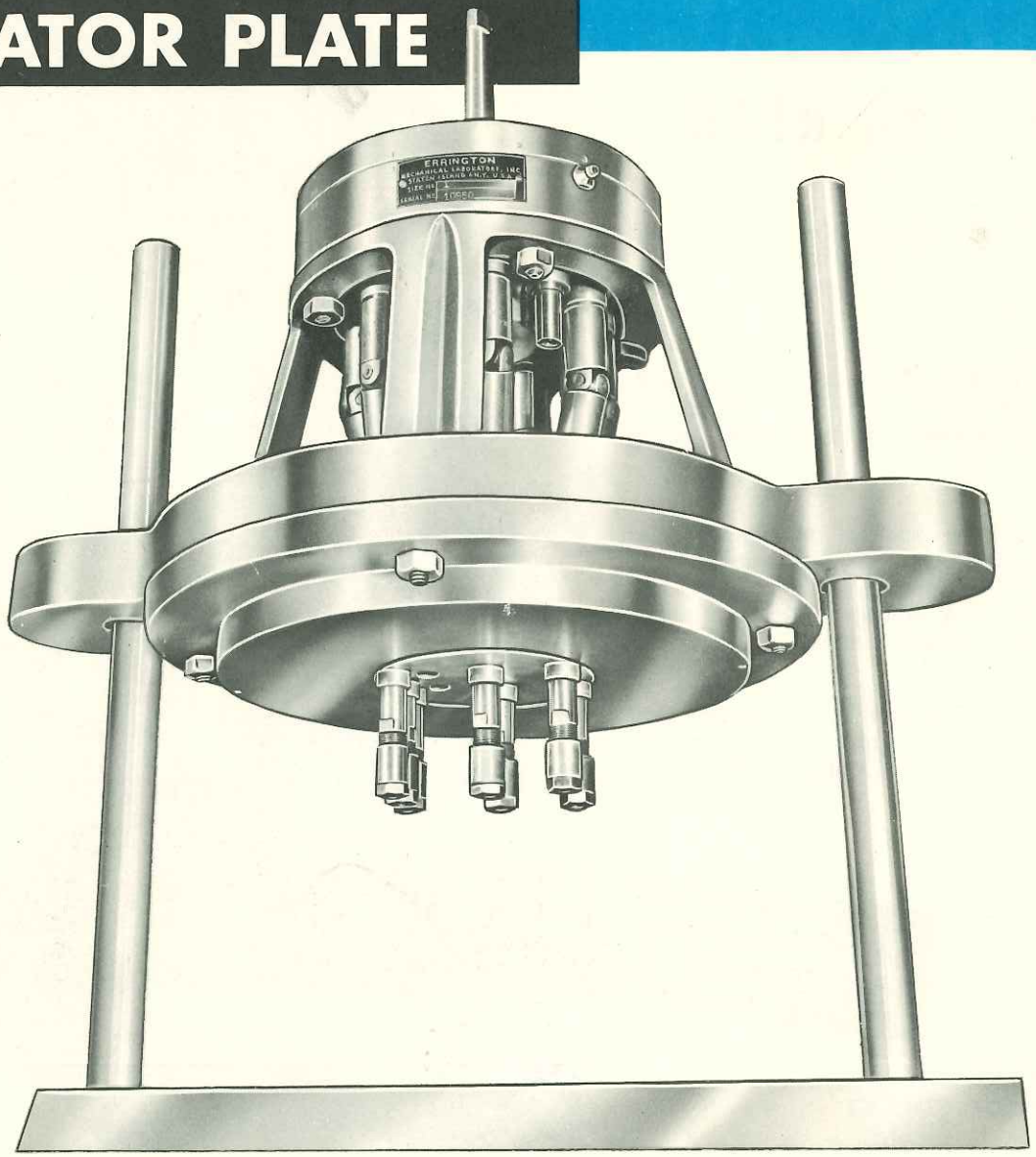
MODEL #1

# of Spindles	Tap Cap Jacobs Tap Chuck	Min. Centers	Max. Pattern	Price Complete
4	#10 - ½″ collet	1½″	8″	$525.00
6	#10 - ⅜″ collet	1½″	8″	$600.00

Vertical adaptors extra

SPECIAL U.J. DRILL OR TAP HEADS ON APPLICATION

SPINDLE LOCATOR PLATE



This plate converts the fully adjustable Universal joint head to a controlled jig bored fixed center head. Locator plate can be adapted to our ¼″, ½″ and 29/32″ capacity heads. The plates are made of sand cast aluminum, turned, jig bored to your specific job and bushed. They are made to be interchangeable with the standard locator arms of our Universal joint heads.

Prices of Spindle Locator Plate For Universal Joint Drill or Tap Heads

Size Head	Price Not Bored	Jig Bored & Bushed
#0	35.00	$10 Per Hole
#1	75.00	$10 Per Hole
#2	100.00	$12 Per Hole